Special Issue

Sustainable Risk Assessment Based on Big Data Analysis Methods

Message from the Guest Editor

The use of big data technology for sustainable risk assessment of the ecological environment, a process that covers data collection, storage, mining, protection, and analysis, aims to help to solve environmental, resource, and energy conservation problems and provide new solutions for sustainable development.

Transforming big data into a usable state takes time. Once they are ready, advanced analytics processes can turn big data into big insights. This field continues to evolve as data engineers look for ways to integrate the vast amounts of complex information created by sensors, networks, transactions, smart devices, web usage, and more.

Topics of interest for this Special Issue include (but are not limited to):

Big data analysis technology for environmental protection; Big data analytics for resource conservation; Big data analysis technology for energy conservation; Big data analytics for intelligent transportation systems; Sustainable risk assessment models for security based on big data analysis; Big data analysis for ecology and biodiversity; Data mining, predictive analytics, and deep learning methods for sustainable risk assessment.

Guest Editor

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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